

SERIAL 03233 - C CORRUGATED METAL PIPE

CONTRACT PERIOD THROUGH MARCH 31, 2007

TO: All Departments

FROM: Department of Materials Management

SUBJECT: Contract for **CORRUGATED METAL PIPE**
 ~~HIGH DENSITY POLYETHYLENE PIPE, AND REINFORCED~~
 ~~CONCRETE PIPE~~

Attached to this letter is published an effective purchasing contract for products and/or services to be supplied to Maricopa County activities as awarded by Maricopa County on **MARCH 17, 2004**.

All purchases of products and/or services listed on the attached pages of this letter are to be obtained from the vendor holding the contract. Individuals are responsible to the vendor for purchases made outside of contracts. The contract period is indicated above.

Wes Baysinger, Director
Materials Management

WP/mm
Attach

Copy to: Clerk of the Board
 Jim Baker, MCDOT
 Kathy Sicard, Materials Management

(Please remove Serial 99164-X from your contract notebooks)

SPECIFICATIONS ON INVITATION FOR BID FOR: **CORRUGATED METAL PIPE**

~~HIGH DENSITY POLYETHYLENE PIPE, AND
REINFORCED CONCRETE PIPE~~

1.0 **INTENT:**

The intent of this Invitation for Bid is to establish a contract for the items specifically listed herein. Also included are blanket discounts for related supplies as covered by current pricing documents. Amendments, supplements and/or revisions will be effective upon receipt and approval of notice to the Department of Materials Management. The County will pick up any necessary material from the vendor's plant and/or storage site as covered by Purchase Order only.

2.0 **TECHNICAL SPECIFICATIONS:**

Materials provided under these specifications shall comply with Maricopa County Association of Governments' Uniform Standard Specifications and Details for Public Works Construction (MAG) and Maricopa County Department of Transportation Supplement to the Maricopa Association of Governments' Uniform Standard Specifications for Public Works Construction, where applicable.

2.1 **CORRUGATED METAL PIPE, PIPE ARCHES, CONNECTORS AND END SECTIONS:**

Corrugated metal pipe, pipe arches, connectors, coupling bands and end sections to be used or furnished under this specification shall be manufactured and inspected in conformance with the requirements of MAG Section 760 and as specified herein. Pipe to be furnished in 20-foot lengths. ~~The size, type and wall thickness of the pipe to be furnished shall be specified.~~

2.1.1 **BASE METAL SPELTER AND FABRICATION:**

760.3 BASE METAL, SPELTER AND FABRICATION: This section is supplemented with the following:

The ends of each pipe or pipe-arch shall be reformed with two or four annular corrugations to permit the use of double projection bands.

2.1.2 **COUPLING BANDS:**

760.4 COUPLING BANDS: This section is deleted and replaced with the following:

Water resistant joints, without visible gaps, shall be fabricated for corrugated metal pipe by the use of galvanized couplers or connecting bands. The cost for Couplers includes "O"-ring gaskets per ASTM C-361 for double projection type Couplers and 7" or 12" X 3/8" flat (sleeve) neoprene gaskets per ASTM D-1056 for dimple Couplers, for water resistance. Corrugated coupling bands shall be constructed and connected as specified in AASHTO M36, except as otherwise required herein. The couplers or bands shall be manufactured of material 2 gauges lighter than the gauge specified for the pipe material, shall have corrugations or dimples to match the pipe end treatment, and shall be fastened with bolts. Dimpled coupling bands shall be 10.5 inches wide for diameters 12 through 60 inches, and 17 inches wide for diameters above 60 through 96 inches. The 10.5 inch wide bands shall have 2 rows of dimples of not less than 7 dimples per row, and the 17 inch wide bands shall have 4 rows of dimples of not less than 7 dimples per row. The dimple arrangements shall be such that a maximum spread can be attained. The shape of the dimple shall be such that it shall, in general, conform to the standard pipe corrugation.

The bands shall be attached by means of ½ inch nominal diameter galvanized carriage in a bolt, bar and strap configuration. Double projection bands having a single circumferential corrugation rolled in each edge to match a similar corrugation in the end of each pipe may be 10.5 inches wide regardless of pipe diameter and shall be fastened with a minimum of 2 bolts in a bolt, bar and strap configuration. The connecting bar straps for dimpled and double projection coupling bands must be welded to the pipe or arch.

2.1.3 PERMISSIBLE VARIATIONS IN DIMENSION:

760.5 PERMISSIBLE VARIATIONS IN DIMENSION: This section is deleted and replaced with the following:

The average inside diameter of pipe shall not vary more than 1% or 1/2", whichever is greater from the normal diameter when measured on the inside crest of the corrugation.

~~2.2 CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (HDPEP) AND FITTINGS:~~

~~Corrugated High Density Polyethylene pipe (HDPEP), couplings and end sections to be used or furnished under this specification, shall be manufactured and inspected in conformance with the requirements of MAG Section 738, and as herein after specified. Pipe to be furnished in 20 foot lengths. The size and type of the pipe to be furnished shall be specified.~~

~~2.2.1 MATERIALS:~~

~~738.2 MATERIALS:~~

~~738.2.1 Base Material Composition: This section is supplemented with the following:~~

~~All sizes shall conform to the AASHTO classification "Type S" which describes pipe as a smooth waterway.~~

~~2.2.2 JOINING SYSTEMS:~~

~~738.3 JOINING SYSTEMS: This section is supplemented with the following:~~

~~Joints shall be made with bell and spigot, bell and bell, or split couplings, corrugated to engage the pipe corrugations, and shall engage a minimum of 4 corrugations, 2 on each side of the pipe joint. The couplings shall provide sufficient longitudinal strength to preserve the pipe alignment and prevent separation at the joints. Joints shall be designed to remain watertight under a test pressure of 10.8 psi per ASTM D 3212.~~

~~2.3 HIGH DENSITY POLYETHYLENE PIPE (HDPEP) LINING SYSTEM:~~

~~Profile High Density Polyethylene pipe (HDPEP) and couplings to be used or furnished under this specification, shall be manufactured and inspected in conformance with the requirements of MAG Section 738, and as specified herein. All sizes shall have wall construction that presents essentially smooth internal and external surfaces. Pipe to be furnished in 20 foot lengths. The size and type of the pipe to be furnished shall be specified.~~

~~2.3.1 JOINING SYSTEMS:~~

~~738.3 JOINING SYSTEMS: This section is supplemented with the following:~~

~~Pipe ends shall be threaded creating joints by screwing pipe ends together and shall be designed to remain watertight under a test pressure of 10.8 psi per ASTM D 3212.~~

~~2.3.2 CLASSIFICATIONS:~~

~~738.7 CLASSIFICATIONS: This section is supplemented with the following:~~

~~The pipe liner shall have a minimum pipe stiffness rating of 320 kPa (46 PSI) at 5 percent deflection.~~

~~2.4 REINFORCED CONCRETE PIPE, CONNECTORS AND END SECTIONS:~~

~~Reinforced concrete pipe, connectors and end sections to be used or furnished under this specification, shall be manufactured and inspected in conformance with the requirements of MAG Section 735, and as specified herein. The size, type of the pipe and culvert to be furnished shall be specified.~~

~~2.4.1 O ring Rubber gasket pipe joints shall comply with ASTM C443. MAG Section 765~~

~~2.4.2 End sections shall conform to MAG Detail 545~~

2.5 TAX:

No tax shall be levied against labor. Bid pricing to include all labor, overhead tools and equipment used, profit, and any taxes that may be levied. It is the responsibility of the Contractor to determine any and all taxes and include the same in bid price.

2.6 DELIVERY:

Delivery is required F.O.B. Destination, freight pre-paid within seven (7) days of receipt of Purchase Order, to any delivery location within Maricopa County as specified by the County. Contractor shall indicate on Pricing Documentation (Attachment A) any additional freight or handling charges that would be associated with special shipping and/or handling delivery.

It shall be the Contractor's responsibility to meet the County's delivery requirements, as called for in the Technical Specifications. Maricopa County reserves the right to obtain services on the open market in the event the Contractor fails to make delivery and any price differential will be charged against the Contractor.

2.7 EXPEDITED DELIVERY:

If the Using Agency determines that rush shipping or other alternate shipping is required, it shall notify the Contractor. The Contractor shall determine any additional costs associated with such delivery terms and communicate that cost to the Using Agency via fax or other reasonable means.

The Using Agency shall not advise the Contractor to proceed with shipment until acceptable terms are negotiated and a purchase order is issued. Upon determining that the additional costs are reasonable and proper, the Using Agency shall advise the Contractor to proceed.

Upon receipt of material and invoicing, the Using Agency shall ensure that any additional charges are in compliance with and do not exceed those costs stated in the Contract. The Using Agency shall retain all documents related to these costs within the agency purchase order file, for audit purposes.

2.8 SHIPPING:

Bid prices shall be made F.O.B. destination freight pre-paid to the Using Agency within Maricopa County. The Contractor shall retain title and control of all goods until they are delivered and the contract coverage has been completed. All claims for visible or concealed damage shall be filed by the Contractor. The County will notify the Contractor of any damaged goods and shall assist the Contractor in arranging for inspection.

2.9 SHIPPING DOCUMENTS:

A packing list or other suitable shipping document shall accompany each shipment and shall include the following:

- (1) Name and address of the Contractor;
- (2) Name and address of the County Agency;
- (3) County purchase order number;
- (4) A description of material shipped, including item number, quantity, number of containers and package number, if applicable.

2.10 STOCK:

The Contractor shall be expected to stock locally sufficient quantities as may be necessary to meet the County's needs.

2.11 ACCEPTANCE:

Once the Materials have been delivered, the Using Agency shall have a reasonable opportunity to inspect them. The Using Agency shall have seven (7) days to perform its acceptance testing and inspection of the Materials, after which time the Materials shall be deemed accepted unless the Using Agency rejects the Materials.

2.12 TESTING:

Unless otherwise specified, materials purchased will be inspected by the Using Agency to ensure the Materials meet the quality and quantity requirements of the Specifications. When deemed necessary by the County, samples of the materials may be taken at random from stock received for submission to a commercial laboratory or other appropriate agency for analysis and tests as to whether the materials conform in all respects to the Specifications. In cases where commercial laboratory reports indicate that the materials do not meet the Specifications, the expense of such analysis is to be borne by the Contractor.

2.13 WARRANTY:

The minimum warranty period shall be industry standard for both parts and labor. Warranty repair and/or replacement will be performed at no additional charge to Maricopa County. All warranty periods shall begin upon acceptance by the Using Agency.

2.14 SAMPLES:

Contractors may be requested to furnish samples of items proposed for examination by the County. Any items so requested shall be furnished within five (5) working days from the date of request and furnished at no cost to the County and sent to the address designated in the Invitation for Bids.

2.15 ADDITIONAL PRICING:

Contractors are strongly encouraged to offer additional pricing for related items/products/components, which are not specifically addressed as line items in the Invitation For Bids. Pricing offered should be noted on the pricing pages of the Contractor response in the format requested. Two (2) sets of catalogs/pricing documents shall accompany any additional pricing offered.

2.16 CONTRACTOR REVIEW OF DOCUMENTS:

Contractor shall review its bid submission to assure the following requirements are met.

- 2.16.1 One (1) original, one copy and one (1) electronic copy (CD or 3.5" diskette) of all submissions is MANDATORY
- 2.16.2 Pricing pages, MANDATORY (Attachment A)
- 2.16.3 Agreement page, MANDATORY (Attachment B)
- 2.16.4 References, MANDATORY (Attachment C)
- 2.16.5 Vendor Information, MANDATORY (Attachment D)
- 2.16.6 Literature, Technical and Descriptive, MANDATORY

3.0 **SPECIAL TERMS & CONDITIONS:**

3.1 CONTRACT LENGTH:

This Invitation for Bids is for awarding a firm, fixed price purchasing contract to cover a three (3) year period.

3.2 OPTION TO EXTEND:

The County may, at their option and with the approval of the Contractor, extend the period of this Contract up to a maximum of one three (3) year option. The Contractor shall be notified in writing by the Materials Management Department of the County's intention to extend the contract period at least thirty (30) calendar days prior to the expiration of the original contract period.

3.3 ESCALATION:

Any request for reasonable price adjustments must be submitted thirty (30) days prior to the Contract expiration date. Justification for the requested adjustment in cost of labor and/or materials must be supported by appropriate documentation and must be within the Producer Price Index for the commodity. Increases are subject to approval in writing by the Materials Management Department prior to any adjusted invoicing submitted for payment.

3.4 EVALUATION CRITERIA:

The evaluation of this Bid will be based on, but not limited to, the following:

- 3.4.1 Compliance with specifications
- 3.4.2 Price
- 3.4.3 Determination of responsibility

The County reserves the right to award in whole or in part, by item or group of items, by section or geographic area, or make multiple awards, where such action serves the County's best interest.

3.5 UNCONDITIONAL TERMINATION FOR CONVENIENCE:

Maricopa County may terminate the resultant Contract for convenience by providing sixty (60) calendar days advance notice to the Contractor.

3.6 ORDERING AUTHORITY:

Contractors should understand that any request for purchase of materials or services shall be accompanied by a valid purchase order, issued by Materials Management, or by a CAPA (Certified Agency Procurement Aid). **CAPA purchases are limited to values of less than \$2,500.00. No other request is valid.**

3.7 INDEMNIFICATION AND INSURANCE:

3.7.1 INDEMNIFICATION.

To the fullest extent permitted by law, CONTRACTOR shall defend, indemnify, and hold harmless **COUNTY**, its agents, representatives, officers, directors, officials, and employees from and against all claims, damages, losses and expenses, including, but not limited to, attorney fees, court costs, expert witness fees, and the cost of appellate proceedings, relating to, arising out of, or alleged to have resulted from the acts, errors, omissions or mistakes relating to the performance of this Contract.

CONTRACTOR'S duty to defend, indemnify and hold harmless **COUNTY**, its agents, representatives, officers, directors, officials, and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, or injury to, impairment, or destruction of property, including loss of use resulting therefrom, caused by any acts, errors, omissions or mistakes in the performance of this Contract including any person for whose acts, errors, omissions or mistakes **CONTRACTOR** may be legally liable.

The amount and type of insurance coverage requirements set forth herein will in no way be construed as limiting the scope of the indemnity in this paragraph.

3.7.2 ABROGATION OF ARIZONA REVISED STATUTES SECTION 34-226.

In the event that A.R.S. § 34-226 shall be repealed or held unconstitutional or otherwise invalid by a court of competent jurisdiction, then to the fullest extent permitted by law, **CONTRACTOR** shall defend, indemnify and hold harmless **COUNTY**, its agents, representatives, officers, directors, officials and employees from and against all claims, damages, losses and expenses (including but not limited to attorney fees, court costs, and the cost of appellate proceedings), relating to, arising out of, or resulting from **CONTRACTOR'S** work or services. **CONTRACTOR'S** duty to defend, indemnify and hold harmless, **COUNTY**, its agents, representatives, officers, directors, officials and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, injury to, impairment or destruction of property including loss of use resulting therefrom, caused in whole or in part by any act or omission of **CONTRACTOR**, anyone **CONTRACTOR** directly or indirectly employs or anyone for whose acts **CONTRACTOR** may be liable, regardless of whether it is caused in part by a party indemnified hereunder, including **COUNTY**.

The scope of this indemnification does not extend to the sole negligence of **COUNTY**.

3.7.3 INSURANCE REQUIREMENTS.

CONTRACTOR, at **CONTRACTOR'S** own expense, shall purchase and maintain the herein stipulated minimum insurance from a company or companies duly licensed by the State of Arizona and possessing a current A.M. Best, Inc. rating of B++6. In lieu of State of Arizona licensing, the stipulated insurance may be purchased from a company or companies, which are authorized to do business in the State of Arizona, provided that said insurance companies meet the approval of **COUNTY**. The form of any insurance policies and forms must be acceptable to **COUNTY**.

All insurance required herein shall be maintained in full force and effect until all work or service required to be performed under the terms of the Contract is satisfactorily completed and formally accepted. Failure to do so may, at the sole discretion of **COUNTY**, constitute a material breach of this Contract.

CONTRACTOR'S insurance shall be primary insurance as respects **COUNTY**, and any insurance or self-insurance maintained by **COUNTY** shall not contribute to it.

Any failure to comply with the claim reporting provisions of the insurance policies or any breach of an insurance policy warranty shall not affect coverage afforded under the insurance policies to protect **COUNTY**.

The insurance policies may provide coverage, which contains deductibles or self-insured retentions. Such deductible and/or self-insured retentions shall not be applicable with respect to the coverage provided to **COUNTY** under such policies.

CONTRACTOR shall be solely responsible for the deductible and/or self-insured retention and **COUNTY**, at its option, may require **CONTRACTOR** to secure payment of such deductibles or self-insured retentions by a surety bond or an irrevocable and unconditional letter of credit.

COUNTY reserves the right to request and to receive, within 10 working days, certified copies of any or all of the herein required insurance policies and/or endorsements. **COUNTY** shall not be obligated, however, to review such policies and/or endorsements or to advise **CONTRACTOR** of any deficiencies in such policies and endorsements, and such receipt shall not relieve **CONTRACTOR** from, or be deemed a waiver of **COUNTY'S** right to insist on strict fulfillment of **CONTRACTOR'S** obligations under this Contract.

The insurance policies required by this Contract, except Workers' Compensation, shall name **COUNTY**, its agents, representatives, officers, directors, officials and employees as Additional Insureds.

The policies required hereunder, except Workers' Compensation, shall contain a waiver of transfer of rights of recovery (subrogation) against **COUNTY**, its agents, representatives, officers, directors, officials and employees for any claims arising out of **CONTRACTOR'S** work or service.

3.7.3.1 Commercial General Liability. **CONTRACTOR** shall maintain Commercial General Liability Insurance (CGL) and, if necessary, Commercial Umbrella Insurance with a limit of not less than \$1,000,000 for each occurrence with a \$2,000,000 Products/Completed Operations Aggregate and a \$2,000,000 General Aggregate Limit. The policy shall include coverage for bodily injury, broad form property damage, personal injury, products and completed operations and blanket contractual coverage including, but not limited to, the liability assumed under the indemnification provisions of this Contract which coverage will be at least as broad as Insurance Service Office, Inc. Policy Form CG 00 01 10 93 or any replacements thereof. There shall be no endorsement or modification of the CGL limiting the scope of coverage for liability arising from explosion, collapse, or underground property damage.

The policy shall contain a severability of interest provision, and shall not contain a sunset provision or commutation clause, or any provision, which would serve to limit third party action over claims.

The CGL and the commercial umbrella coverage, if any, additional insured endorsement shall be at least as broad as the Insurance Service Office, Inc.'s Additional Insured, Form CG 20 10 10 01, and shall include coverage for **CONTRACTOR'S** operations and products.

3.7.3.2 Automobile Liability. **CONTRACTOR** shall maintain Automobile Liability Insurance and, if necessary, Commercial Umbrella Insurance with a combined single limit for bodily injury and property damage of no less than \$1,000,000, each occurrence, with respect to **CONTRACTOR'S** vehicles (including owned, hired, non-owned), assigned to or used in the performance of this Contract. If hazardous substances, materials, or wastes are to be transported, MCS 90 endorsement shall be included and \$5,000,000 per accident limits for bodily injury and property damage shall apply.

3.7.3.3 Workers' Compensation. **CONTRACTOR** shall carry Workers' Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of **CONTRACTOR'S** employees engaged in the performance of the work or services, as well as Employer's Liability insurance of not less than \$100,000 for each accident, \$100,000 disease for each employee, and \$500,000 disease policy limit.

CONTRACTOR waives all rights against **COUNTY** and its agents, officers, directors and employees for recovery of damages to the extent these damages are covered by the Workers' Compensation and Employer's Liability or commercial umbrella liability insurance obtained by **CONTRACTOR** pursuant to this agreement.

In case any work is subcontracted, **CONTRACTOR** will require the Subcontractor to provide Workers' Compensation and Employer's Liability insurance to at least the same extent as required of **CONTRACTOR**.

3.7.4 CERTIFICATES OF INSURANCE.

3.7.4.1 Prior to commencing work or services under this Contract, Contractor shall furnish the County with certificates of insurance, or formal endorsements as required by the Contract in the form provided by the County, issued by Contractor's insurer(s), as evidence that policies providing the required coverage, conditions and limits required by this Contract are in full force and effect. Such certificates shall identify this contract number and title.

In the event any insurance policy(ies) required by this contract is(are) written on a "claims made" basis, coverage shall extend for two years past completion and acceptance of **CONTRACTOR'S** work or services and as evidenced by annual Certificates of Insurance.

If a policy does expire during the life of the Contract, a renewal certificate must be sent to **COUNTY** fifteen (15) days prior to the expiration date.

3.7.4.2 Cancellation and Expiration Notice.

Insurance required herein shall not be permitted to expire, be canceled, or materially changed without thirty (30) days prior written notice to the County.

3.8 PROCUREMENT CARD ORDERING CAPABILITY:

It is the intent of Maricopa County to utilize a procurement card that may be used by the County from time to time, to place and make payment for orders under the Contract. Contractors without this capability may be considered non-responsive and not eligible for award consideration.

3.9 INQUIRIES AND NOTICES:

All inquiries concerning information herein shall be addressed to:

MARICOPA COUNTY
DEPARTMENT OF MATERIALS MANAGEMENT
ATTN: CONTRACT ADMINISTRATION
320 W. LINCOLN ST.
PHOENIX, AZ 85003

Administrative telephone inquiries shall be addressed to:

WALT PRICE, PROCUREMENT CONSULTANT, 602-506-3454
(wprice@mail.maricopa.gov)

Technical telephone inquiries shall be addressed to:

JIM BAKER, TRANSPORTATION, 602-506-4054

Inquiries may be submitted by telephone but must be followed up in writing. No oral communication is binding on Maricopa County.

3.10 THERE WILL BE A MANDATORY PRE-BID CONFERENCE ON JANUARY 22, 2004,
~~JANUARY 07, 2004, DECEMBER 10, 2003~~ AT 11:00 AM ~~2:00 P.M.~~, AT THE MARICOPA
COUNTY MATERIALS MANAGEMENT DEPARTMENT, 320 W. LINCOLN ST., PHOENIX,
AZ 85003

3.11 SUBMISSION PRICE CLARITY:

For reasons of clarity all submissions of pricing (Attachment A) shall be priced in the same unit (size, volume, quantity, weight, etc.) as the bid specifications request. Submissions (bids) failing to comply with this requirement may be declared non-responsive.

3.12 INSTRUCTIONS FOR PREPARING AND SUBMITTING BIDS:

Bidders are to provide one (1) original "hard copy" (labeled), one copy, and one (1) electronic copy of pricing on a CD or 3.5" diskette. Bidders are to identify their responses with the bid serial number, title and return address to Maricopa County, Department of Materials Management, 320 West Lincoln, Phoenix, Arizona 85003. A corporate official who has been authorized to make such commitments must sign bids.

ALL REQUESTS FOR DISKETTES MUST BE FAXED TO THE PROCUREMENT CONSULTANT AT (602) 258-1573. IN ADDITION, ONE (1) HARD COPY OF EACH PAGE OF ATTACHMENT A (PRICING PAGE) SHALL BE SUBMITTED WITH YOUR BID.

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

PRICING SHEET C471006 / B0604554
NIGP CODES 21027, 21029, 65858, 92917

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL: _____ YES ☒ NO

WILL YOUR FIRM ACCEPT A PROCUREMENT CARD FOR INVOICE PAYMENT? ☐ YES ☒ NO

IF YES, MAY THE COUNTY TAKE ADVANTAGE OF DISCOUNTS OFFERED BY YOUR FIRM IN THIS BID/RFP WHEN PAYING WITH A PROCUREMENT CARD? _____ YES ☒ NO

INTERNET ORDERING CAPABILITY: _____ YES ☒ NO _____ % DISCOUNT

OTHER GOV'T. AGENCIES MAY USE THIS CONTRACT: ☒ YES _____ NO

PRICING:

NOTE: DO NOT INCLUDE SALES/USE TAX IN YOUR BID PRICE. The percentage of sales/use tax applicable to this contract will be listed on the purchase order and allowed at time of payment. BIDDERS CERTIFY BY SIGNING THIS AGREEMENT THAT PRICES BID ARE F.O.B. DESTINATION IN ACCORDANCE WITH THE TERMS AND CONDITIONS SET FORTH HEREIN.

PLAIN CORRUGATED METAL PIPE (ROUND):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
1	12"	50 or more	16	\$4.83
2	18"	200 or more	16	\$7.38
3	24"	200 or more	16	\$9.94
4	30"	100 or more	16	\$12.88
5	36"	20 or more	16	\$16.26
6	42"	20 or more	16	\$19.23
7	48"	100 or more	16	\$21.55
8	54"	20 or more	14	\$31.49
9	ALT. 54" (3"x 1" corr)	As Required	16	\$33.60
10	ALT. 54" (5"x 1" corr)	As Required	16	\$33.60
11	60"	As Required	12	\$44.51
12	ALT. 60" (3"x 1" corr)	As Required	16	\$36.61

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

13	ALT. 60" (5"x 1" corr)	As Required	16	\$36.61
14	72"	As Required	10	\$69.62
15	ALT. 72" (3 x 1" corr)	As Required	16	\$50.11
16	ALT. 72" (5 x 1" corr)	As Required	16	\$50.12

PLAIN CORRUGATED METAL PIPE (ARCHED):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
17	18" (21"x15")	As Required	16	\$7.70
18	24" (28"x20")	100 or more	16	\$10.67
19	30" (35"x24")	0 or more	16	\$13.56
20	36" (42"x29")	0 or more	16	\$17.48
21	42" (49"x33")	0 or more	14	\$24.46
22	48" (57"x38")	0 or more	12	\$37.53
23	54" (64"x43")	0 or more	12	\$50.20
24	ALT. 54" (60" x46") (3"x1" corr)	As Required	12	\$53.30
25	ALT. 54" (60" x46") (5"x1" corr)	As Required	12	\$53.31
26	60" (71"x47")	As Required	10	\$55.11
27	ALT. 60" (66" x51") (3"x1" corr)	As Required	12	\$56.71
28	ALT. 60" (66" x51") (5"x1" corr)	As Required	12	\$56.71
29	72" (83"x57")	As Required	8	\$95.00
30	ALT. 72" (81" x59") (3"x1" corr)	As Required	14	\$58.85
31	ALT. 72" (81" x59") (5"x1" corr)	As Required	12	\$58.85

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

PLAIN CORRUGATED METAL PIPE DOUBLE PROJECTION BAND (ROUND):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
1A.	12"	As Required	18/10.5"	\$7.24
2A.	18"	As Required	18/10.5"	\$11.07
3A.	24"	As Required	18/10.5"	\$14.90
4A.	30"	As Required	18/10.5"	\$19.32
5A.	36"	As Required	18/10.5"	\$24.38
6A.	42"	As Required	18/10.5"	\$28.85
7A.	48"	As Required	18/10.5"	\$32.36
8A.	54"	As Required	18/10.5"	\$47.23
9A.	ALT. 54" (3" x 1" corr)	As Required	18/10.5"	\$47.23
10A.	ALT. 54" (5" x 1" corr)	As Required	18/10.5"	\$47.23
11A.	60"	As Required	18/10.5"	\$66.77
12A.	ALT. 60" (3" x 1" corr)	As Required	18/10.5"	\$66.77
13A.	ALT. 60" (5" x 1" corr)	As Required	18/10.5"	\$66.77
14A.	72"	As Required	18/10.5"	\$75.18
15A.	ALT. 72" (3" x 1" corr)	As Required	18/10.5"	\$75.18
16A.	ALT. 72" (5" x 1" corr)	As Required	18/10.5"	\$75.18

PLAIN CORRUGATED METAL PIPE DOUBLE PROJECTION BAND (ARCHED):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
17A.	18" (21"x 15")	As Required	18/10.5"	\$11.55
18A.	24" (28"x 20")	As Required	18/10.5"	\$16.01

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
19A.	30" (35"x 24")	As Required	18/10.5"	\$20.33
20A.	36" (42"x 29")	As Required	18/10.5"	\$26.22
21A.	42" (49"x 33")	As Required	18/10.5"	\$36.69
22A.	48" (57"x 38")	As Required	18/10.5"	\$56.30
23A.	54" (64"x 43")	As Required	18/10.5"	\$75.30
24A.	ALT. 54" (60" x46") (3"x 1" corr)	As Required	18/10.5"	\$75.31
25A.	ALT. 54" (60" x46") (5"x 1" corr)	As Required	18/10.5"	\$75.31
26A.	60" (71"x47")	As Required	18/10.5"	\$82.68
27A.	ALT. 60" (66" x51") (3"x 1" corr)	As Required	18/10.5"	\$82.68
28A.	ALT. 60" (66" x51") (5"x 1" corr)	As Required	18/10.5"	\$82.68
29A.	72" (83"x 57")	As Required	18/10.5"	\$88.28
30A.	ALT. 72" (81" x59") (3"x 1" corr)	As Required	18/10.5"	\$88.28
31A.	ALT. 72" (81" x59") (5"x 1" corr)	As Required	18/10.5"	\$88.28

PLAIN CORRUGATED METAL PIPE DIMPLE BAND (ROUND):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
1B.	12"	0 or more	18/10.5"	\$7.24
2B.	18"	0 or more	18/10.5"	\$11.07
3B.	24"	0 or more	18/10.5"	\$14.90
4B.	30"	0 or more	18/10.5"	\$19.32
5B.	36"	0 or more	18/10.5"	\$24.38
6B.	42"	0 or more	18/10.5"	\$28.85

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
7B.	48"	0 or more	18/10.5"	\$32.36
8B.	54"	0 or more	18/10.5"	\$47.23
9B.	ALT. 54" (3" x 1" corr)	As Required	18/10.5"	\$47.23
10B.	ALT. 54" (5" x 1" corr)	As Required	18/10.5"	\$47.23
11B.	60"	As Required	18/17.0"	\$66.77
12B.	ALT. 60" (3" x 1" corr)	As Required	18/17.0"	\$66.77
13B.	ALT. 60" (5" x 1" corr)	As Required	18/17.0"	\$66.77
14B.	72"	As Required	18/17.0"	\$75.18
15B.	ALT. 72" (3" x 1" corr)	As Required	18/17.0"	\$75.18
16B.	ALT. 72" (5" x 1" corr)	As Required	18/17.0"	\$75.18

PLAIN CORRUGATED METAL PIPE DIMPLE BAND (ARCHED):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
17B.	18" (21"x 15")	0 or more	18/10.5"	\$11.55
18B.	24" (28"x 20")	0 or more	18/10.5"	\$16.01
19B.	30" (35"x 24")	0 or more	18/10.5"	\$20.33
20B.	36" (42"x 29")	0 or more	18/10.5"	\$26.22
21B.	42" (49"x 33")	0 or more	18/10.5"	\$36.69
22B.	48" (57"x 38")	0 or more	18/10.5"	\$56.30
23B.	54" (64"x 43")	0 or more	18/10.5"	\$75.30
24B.	ALT. 54" (60" x 46") (3" x 1" corr)	As Required	18/10.5"	\$75.31

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
25B.	ALT. 54" (60" x 46") (5" x 1" corr)	As Required	18/10.5"	\$75.31
26B.	60" (71"x 47")	As Required	18/17.0"	\$82.68
27B.	ALT. 60" (66" x 51") (3"x 1" corr)	As Required	18/17.0"	\$82.68
28B.	ALT. 60" (66" x 51") (5"x 1" corr)	As Required	18/17.0"	\$82.68
29B.	72" (83"x 57")	As Required	18/17.0"	\$88.28
30B.	ALT. 72" (81" x 59") (3"x 1" corr)	As Required	18/17.0"	\$88.28
31B.	ALT. 72" (81" x 59") (5"x 1" corr)	As Required	18/17.0"	\$88.28

PLAIN CORRUGATED METAL PIPE END SECTION (ROUND):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
1C.	12"	As Required	16	\$41.45
2C.	18"	As Required	16	\$65.07
3C.	24"	As Required	16	\$94.67
4C.	30"	As Required	14	\$180.02
5C.	36"	As Required	14	\$238.33
6C.	42"	As Required	12	\$397.60
7C.	48"	As Required	12	\$492.73
8C.	54"	As Required	12	\$580.98
9C.	ALT. 54" (3" x 1" corr)	As Required	12	\$580.98
10C.	ALT. 54" (5" x 1" corr)	As Required	12	\$580.98
11C.	60"	As Required	12/10 ga.	\$634.36
12C.	ALT. 60" (3" x 1" corr)	As Required	12/10 ga.	\$634.36

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
13C.	ALT. 60" (5"x 1" corr)	As Required	12/10 ga.	\$634.36
14C.	72"	As Required	12/10 ga.	\$1,014.96
15C.	ALT. 72" (3"x 1" corr)	As Required	12/10 ga.	\$1,014.96
16C.	ALT. 72" (5"x 1" corr)	As Required	12/10 ga.	\$1,014.96

PLAIN CORRUGATED METAL PIPE END SECTION (ARCHED):

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
17C.	18" (21"x 15")	As Required	16	\$64.77
18C.	24" (28"x 20")	0 or more	16	\$94.25
19C.	30" (35"x 24")	0 or more	14	\$133.33
20C.	36" (42"x 29")	0 or more	14	\$211.89
21C.	42" (49"x 33")	0 or more	12	\$359.54
22C.	48" (57"x 38")	0 or more	12	\$466.35
23C.	54" (64"x 43")	0 or more	12	\$588.98
24C.	ALT. 54" (60" x 46") (3"x 1" corr)	As Required	12	\$588.98
25C.	ALT. 54" (60" x 46") (5"x 1" corr)	As Required	12	\$588.98
26C.	60" (71"x 47")	As Required	12/10 ga.	\$737.47
27C.	ALT. 60" (66" x 51") (3"x 1" corr)	As Required	12	\$737.47
28C.	ALT. 60" (66" x 51") (5"x 1" corr)	As Required	12	\$737.47
29C.	72" (83"x 57")	As Required	12/10 ga.	\$1,025.51
30C.	ALT. 72" (81" x 59") (3"x 1" corr)	As Required	12	\$1,025.51

CONTECH CONSTRUCTION PRODUCTS, 8260 NORTH EL MIRAGE ROAD PO BOX 65, EL MIRAGE, AZ 85335

ITEM	DIAMETER (INSIDE)	QUANTITY FEET	GAUGE	PRICE PER FOOT
31C.	ALT. 72" (81" x 59") (5"x 1" corr)	As Required	12	\$1,025.51

BITUMINOUS COATING FOR CORRUGATED METAL PIPE

As Required 30 % of CMP pipe cost

Terms: NET 30

Vendor Number: **W000003218 X**

Telephone Number: 623-935-6000

Fax Number: 623-935-6100

Contact Person: ~~CHRIS BRADLEY~~ **Scott Bates**

E-mail Address: ~~bradleye~~ bates@contech-cpi.com

Company Web Site: www.contech-cpi.com

Insurance Certificate Required

Contract Period: To cover the period ending MARCH 31, 2007